

FIG. 2

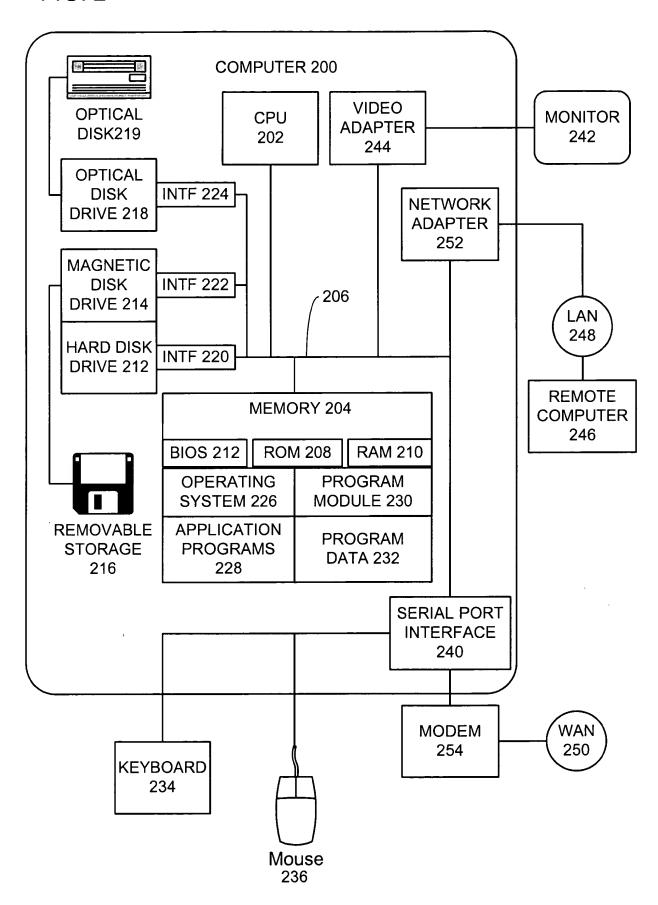
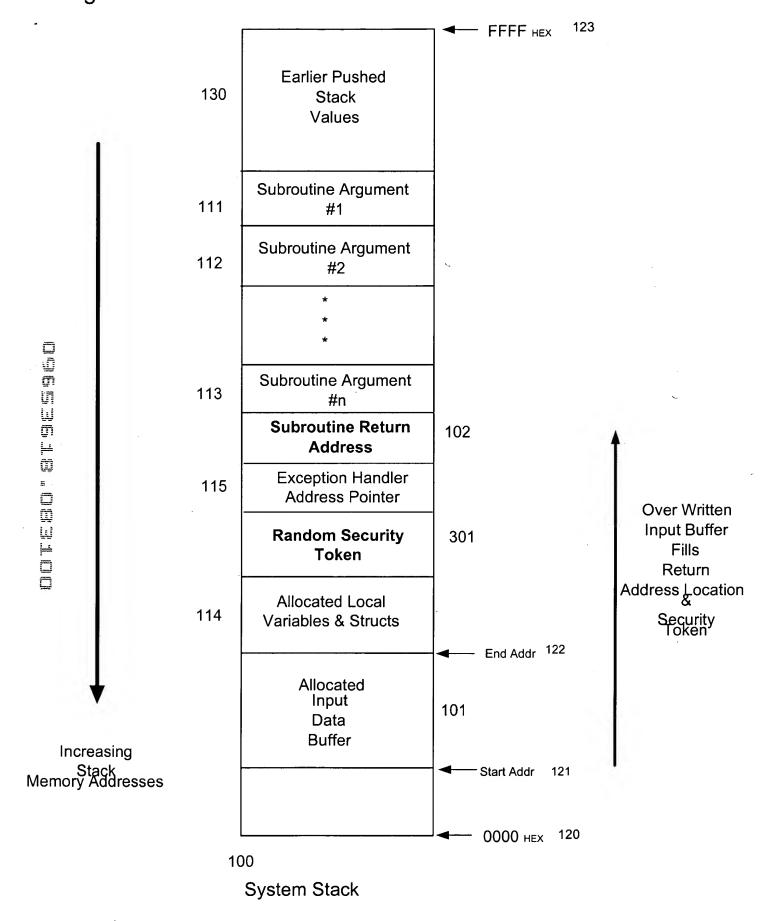


Fig. 3



```
(* Call to Subroutine FOO *)

push ARG_1
push ARG_2

*

push ARG_n
push Return_Addr
-- Neturn_Addr
```

FOO:

-- Subroutine using Large Input Buffer -SET\_FRAME\_REGISTER
push Security\_Token
allocate locals\_Containing\_Addr\_Pointe
r

(\* -- FOO FUNCTIONAL CODE IS HERE -- \*)

pop\_Security\_Token
if (FAIL) ABORT\_PROGRAM
else Return

Fig. 6

